

## WHAT IS CLAIMED IS:

1. A molecule which binds and neutralizes interferon-gamma and which is chosen from the group consisting of:
  - a scFv comprising the humanized variable domain of the monoclonal antibody D9D10
  - a chimeric antibody comprising the humanized variable domain of the monoclonal antibody D9D10
  - a diabody comprising the humanized variable domain of the monoclonal antibody D9D10
  - a multivalent antibody
  - a ruminant antibody.
2. A molecule according to claim 1, wherein said ruminant antibody is a sheep antibody.
3. A molecule according to claim 2, wherein said sheep antibody is a monoclonal antibody.
4. A molecule according to claim 3, wherein said monoclonal antibody is a humanized antibody, a single-chain fragment or any other fragment thereof which has largely retained the specificity of said antibody.
5. A molecule according to claim 1, wherein said multivalent antibody is chosen from the group consisting of triabodies, tetravalent antibodies, peptabodies and hexabodies.
6. A molecule according to claim 5, wherein said triabody, tetravalent antibody, peptabody and hexabody comprise 3, 4, 5 and 6 variable domains, respectively, of several anti-interferon-gamma antibodies.
7. A molecule according to claim 5, wherein said triabody comprises 3 identical variable domains of an anti-interferon-gamma antibody.
8. A molecule according to claim 5, wherein said triabody comprises 3 identical D9D10 scFv's or 3 identical sheep-derived anti-interferon-gamma scFv's.
9. A molecule according to claim 5, wherein said triabody comprises 3 identical humanized D9D10 scFv's or 3 identical humanized sheep-derived anti-interferon-gamma scFv's.

10. A molecule according to claim 5, wherein said tetravalent antibody comprises 4 identical domains of an anti-interferon-gamma antibody.
11. A molecule according to claim 5, wherein said tetravalent antibody comprises 4 identical D9D10 scFv's or sheep-derived anti-interferon-gamma scFv's in the format of a homodimer of 2 identical molecules, each containing 2 D9D10 scFv's or 2 sheep-derived anti-interferon-gamma scFv's, and a dimerization domain.
12. A molecule according to claim 5, wherein said tetravalent antibody comprises 4 identical humanized D9D10 scFv's or humanized sheep-derived anti-interferon-gamma scFv's in the format of a homodimer of 2 identical molecules, each containing 2 humanized D9D10 scFv's or 2 humanized sheep-derived anti-interferon-gamma scFv's, and a dimerization domain.
13. A molecule according to claim 5, wherein said tetravalent antibody comprises a full-size humanized D9D10 antibody or humanized sheep-derived antibody to which 2 humanized D9D10 scFv's or 2 humanized sheep-derived anti-interferon-gamma scFv's are attached, respectively, at the carboxyterminus.
14. A molecule according to claim 5, wherein said peptabody and hexabody comprise 5 and 6 identical variable domains of an anti-interferon-gamma antibody, respectively.
15. A molecule according to claim 5, wherein said peptabody and hexabody comprise 5 and 6 identical D9D10 scFv's or 5 and 6 identical sheep-derived anti-interferon-gamma scFv's, respectively.
16. A molecule according to claim 5, wherein said peptabody and hexabody comprise 5 and 6 identical humanized D9D10 scFv's or 5 and 6 identical humanized sheep-derived anti-interferon-gamma scFv's, respectively.
17. A method for producing a molecule according to claims 1-16.
18. A pharmaceutical composition comprising a molecule according to any of claims 1-16 or a mixture of said molecules in a pharmaceutically acceptable excipient.
19. A molecule according to any of claims 1 to 16 or a composition according to claim 18 for use as a medicament.
20. A molecule according to claims 1 to 16 or a composition according to claim 18 for preventing or treating septic shock, cachexia, immune diseases such as multiple

sclerosis and Crohn's disease and skin disorders such as bullous, inflammatory and neoplastic dermatoses.

21. A molecule according to claims 1 to 16 for determining interferon gamma levels in a sample.

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